



Standard Guide for Approved Methods of Installing a CVS (Central Vacuum System)¹

This standard is issued under the fixed designation F2647; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This guide demonstrates proper methods for installing a central-vacuum system.

1.2 **Appendix X1** contains additional sources of information that may be helpful to the user of this guide.

1.3 The values stated in inch-pound units are to be regarded as the standard. The values given in parentheses are for information only.

1.4 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:²

¹ This guide is under the jurisdiction of ASTM Committee F11 on Vacuum Cleaners and is the direct responsibility of Subcommittee F11.30 on Durability-Reliability.

Current edition approved Oct. 1, 2016. Published October 2016. Originally approved in 2007. Last previous edition approved in 2013 as F2647 – 07 (2013). DOI: 10.1520/F2647-07R16.

² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

E814 Test Method for Fire Tests of Penetration Firestop Systems

E2174 Practice for On-Site Inspection of Installed Firestops

F402 Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings

F412 Terminology Relating to Plastic Piping Systems

F2158 Specification for Residential Central-Vacuum Tube and Fittings

3. Terminology

3.1 Definitions:

3.2 For definitions of terms used in this guide, see Terminology **F412**.

4. Significance and Use

4.1 The suggestions of this guide are intended to provide proper installation materials and practices to be used during the installation of a central-vacuum system.

5. Materials

5.1 *Plastic Materials*—For information on plastic materials used for installing a CVS system, see Specification **F2158**.